APPLICATION FOR PERMIT TO DRILL AN OIL AND GAS WELL OR STRATIGRAPHIC HOLE
(To be accompanied by a $100 permit fee for new wells only and a surety bond conditioned as provided by law.)

Portland, Oregon August 18, 1982

In compliance with rules and regulations pursuant to ORS 520 (Chapter 296 OL 1977) application is hereby made
for permit to drill a new well to be known as Oregon Natural Gas Dev.-Patton (lease)
Well No. 32-9 in NE ¼ of Sec. 9, T. 7N, R. 8W, W.S.&M.,
Olney Field, Clatsop County.
Survey Coordinates: 2068.78 ft. S, 1380.10 ft. W. of N.E. Corner of Section 9
(Survey filed 6/14/82)
Elevation of ground above sea level is 752 feet. All depth measurements are taken from top
of kelly bushing , which is 21 ft. above ground.

Lesse: Wexpro Company
Address: P.O. Box 11070, Salt Lake City, UT 84147
Lessor: Alan R. Patton
Address: 12552 Phinney Avenue, N., Seattle, WA 98103

We propose to use the following strings of casing and to land or cement them as herein indicated:

<table>
<thead>
<tr>
<th>Size of hole</th>
<th>Size of casing</th>
<th>Weight in pounds per foot</th>
<th>Grade and type</th>
<th>New or second hand</th>
<th>Depth</th>
<th>Landed or cemented No. sacks cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>17½&quot;</td>
<td>13-3/8&quot;</td>
<td>54.5</td>
<td>K-55</td>
<td>New</td>
<td>400 ft</td>
<td>360 sacks</td>
</tr>
<tr>
<td>12½&quot;</td>
<td>9-5/8&quot;</td>
<td>36.0</td>
<td>K-55</td>
<td>New</td>
<td>3,000</td>
<td>350 sacks</td>
</tr>
<tr>
<td>8-3/4&quot;</td>
<td>5-1/2&quot;</td>
<td>17.0</td>
<td>K-55/N-80</td>
<td>New</td>
<td>11,000</td>
<td>400 sacks</td>
</tr>
</tbody>
</table>

Proposed Depth: 11,000 ft.
Objectives: Cowlitz Formation
Clark & Wilson Equivalent. This is an extension of Permit No. 199, granted 10/22/81.

Oregon Natural Gas Development Corp.
company or operator
By Carl N. Petterson, P.E.
Position Supervising Engineer
Send communications regarding well to:
Name C. E. Stinson
Address 123 N.W. Flanders Street
Portland, OR 97209

Approval August 16, 1982

DEPT. OF GEOLOGY & MINERAL INDUSTRY
Petroleum Geologist

NOTE: This permit is valid only if land use approval is obtained from the county or city in which the drilling takes place, and provided these authorities make a determination of compliance with statewide goals.
STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 State Office Building Portland, Oregon 97201

APPLICATION FOR PERMIT TO DRILL AN OIL AND GAS WELL OR STRATIGRAPHIC HOLE
(To be accompanied by a $100 permit fee for new wells only and a surety bond conditioned as provided by law.)

Portland, Oregon 7/29/82

In compliance with rules and regulations pursuant to ORS 520 (Chapter 296 ORS 1977) application is hereby made for permit to drill a new well to be known as Oregon Natural Gas Dev.-Patton (company or operator) (lease)

Well No. 32-9 in NE 1/4 of Sec. 9, T. 7N, R. 8W, W.B.&M.
Olney Field, Clatsop County.

(Survey filed 6/14/82)

Elevation of ground above sea level is 752 feet. All depth measurements are taken from top of kelly bushing, which is 21 ft. above ground.

Lessee: Wexpro Company,
Address: P. O. Box 11070, Salt Lake City, UT 84147

Lessor: Alan R. Patton
Address: 12552 Phinney Ave., N., Seattle, WA 98103

We propose to use the following strings of casing and to land or cement them as herein indicated:

<table>
<thead>
<tr>
<th>Size of hole</th>
<th>Size of casing</th>
<th>Weight in pounds per foot</th>
<th>Grade and type</th>
<th>New or second hand</th>
<th>Depth</th>
<th>Landed or cemented No. sacks cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 3/4&quot;</td>
<td>13-3/8&quot;</td>
<td>54.5</td>
<td>K-55</td>
<td>New</td>
<td>400 ft</td>
<td>360 sacks</td>
</tr>
<tr>
<td>12 3/4&quot;</td>
<td>9-5/8&quot;</td>
<td>36.0</td>
<td>K-55</td>
<td>New</td>
<td>3000 ft</td>
<td>350 sacks</td>
</tr>
<tr>
<td>8-3/4&quot;</td>
<td>5-1/2&quot;</td>
<td>17.0</td>
<td>K-55/N-80</td>
<td>New</td>
<td>10,000 ft</td>
<td>400 sacks</td>
</tr>
</tbody>
</table>

Proposed Depth: 10,000 ft. Objectives: Cowlitz Formation, Clark & Wilson Equivalent. This is an extension of Permit No. 199, granted 10/22/81

Approved August 2, 1982
except as follows: The October 1980 stipulations of the Governing Board of this Department are conditions of this permit.

DEPT. OF GEOLOGY & MINERAL INDUSTRY
By Petroleum Geologist

Oregon Natural Gas Development Co.
company or operator
By Carl N. Petterson, P.E.

Position Supervising Engineer
Send communications regarding well to:
Name C. E. Stinson
Address 123 N.W. Flanders St.,
Portland, OR 97209

NOTE: This permit is valid only if land use approval is obtained from the county or city in which the drilling takes place, and provided these authorities make a determination of compliance with statewide goals.
APPLICATION FOR PERMIT TO DRILL AN OIL AND GAS WELL OR STRATIGRAPHIC HOLE
(To be accompanied by a $100 permit fee for new wells only and a surety bond conditioned as provided by law.)

Portland, Oregon Sept. 21, 1981

In compliance with rules and regulations pursuant to ORS 520 (Chapter 296 ORL 1977) application is hereby made for permit to drill a new well to be known as Oregon Natural Gas Dev. - Patton (company or operator) (lease)

Well No. 32-9 in NE 1/4 of Sec. 9, T. 7N, R. 8W W.B.&M., Olney Field, Clatsop County.

Survey Coordinates: 1500' S. and 2000' W. of N.E. corner, Sec. 9

Elevation of ground above sea level is 780' feet. All depth measurements are taken from top of Kelly Bushing, which is 21 feet above ground.

Leaseee: Wexpro Company
Address: P.O. Box 11070, Salt Lake City, Utah 84147

Lessor: Alan R. Patton
Address: 12552 Phinney Ave., No., Seattle, WA 98103

We propose to use the following stringing of casing and to land or cement them as herein indicated:

<table>
<thead>
<tr>
<th>Size of hole</th>
<th>Size of casing</th>
<th>Weight in pounds per foot</th>
<th>Grade and type</th>
<th>New or second hand</th>
<th>Depth</th>
<th>Landed or cemented No. sacks cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 1/4</td>
<td>9 5/8</td>
<td>36#</td>
<td>K-55</td>
<td>New</td>
<td>800'</td>
<td>310 sacks</td>
</tr>
<tr>
<td>8 3/4&quot;</td>
<td>7&quot;</td>
<td>26#</td>
<td>K-55 &amp; N-80</td>
<td>New</td>
<td>8000'</td>
<td>400 sacks</td>
</tr>
</tbody>
</table>

Proposed Depth: 8000'

Objectives: Cowlitz formation

Oregon Natural Gas Development Corp.

Approved October 22, 1981
except as follows: The October 1980 stipulations approved by the Governing Board of the Department will be made a condition of this permit.

By C. Stinson (company or operator)
Position Petroleum Engineer
Send communications regarding well to:
Name Charles Stinson
Address 123 N.W. Flanders
Portland, OR 97209

NOTE: This permit is valid only if land use approval is obtained from the county or city in which the drilling takes place, and provided these authorities make a determination of compliance with state-wide goals.